

FIG.1

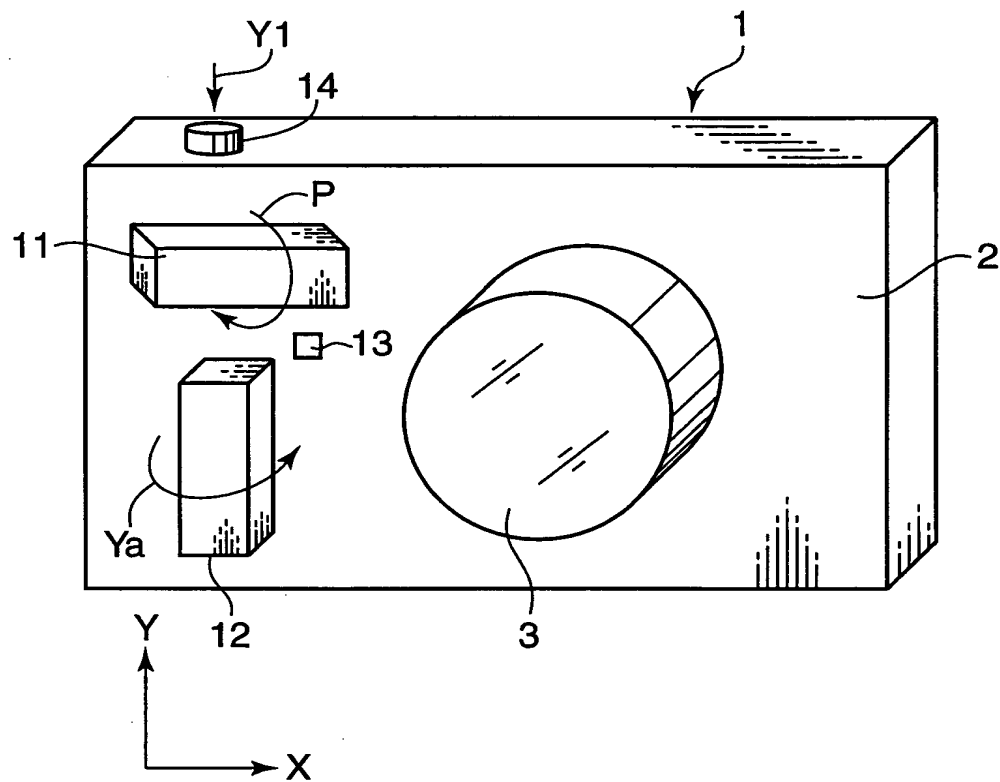


FIG.2

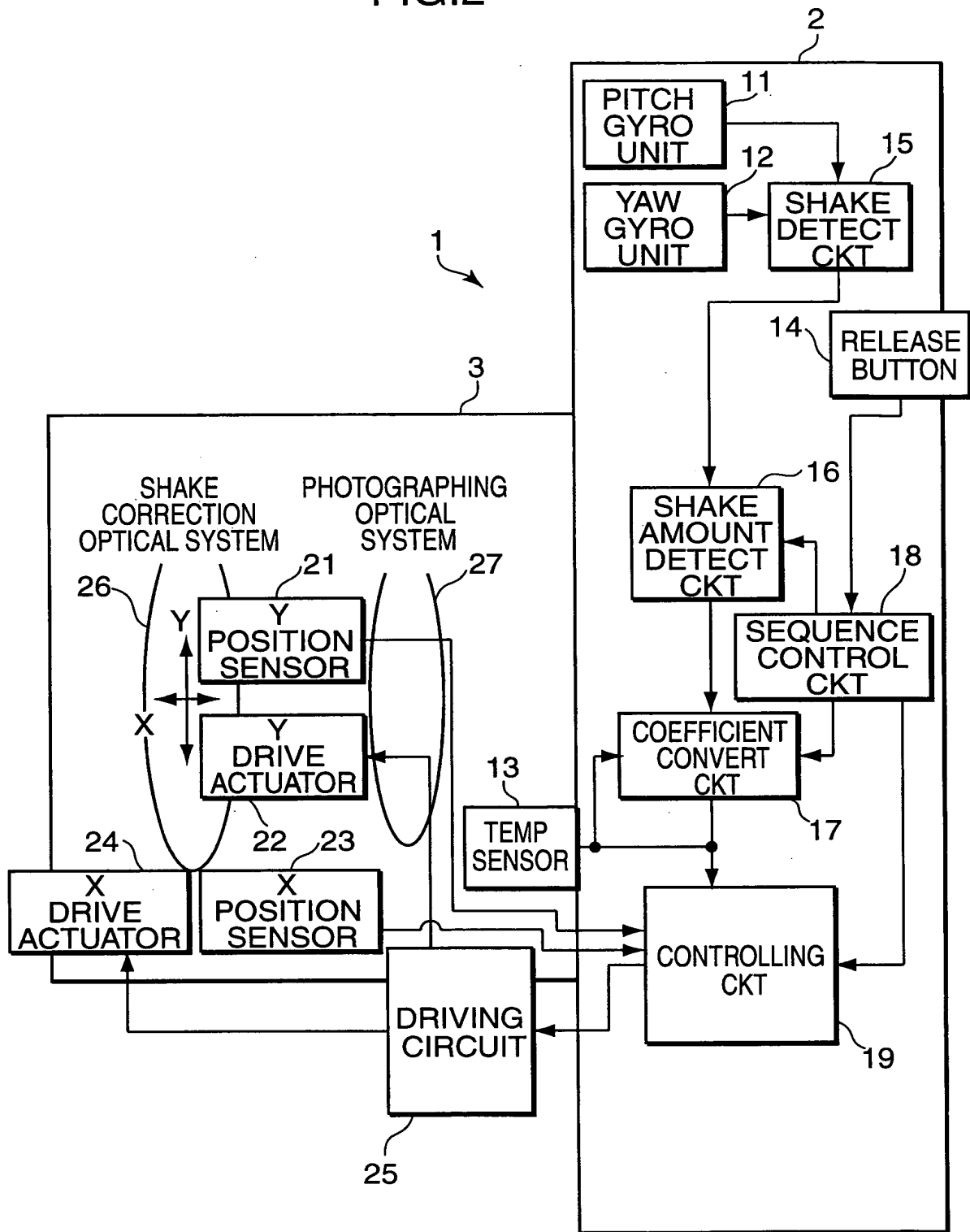


FIG.3

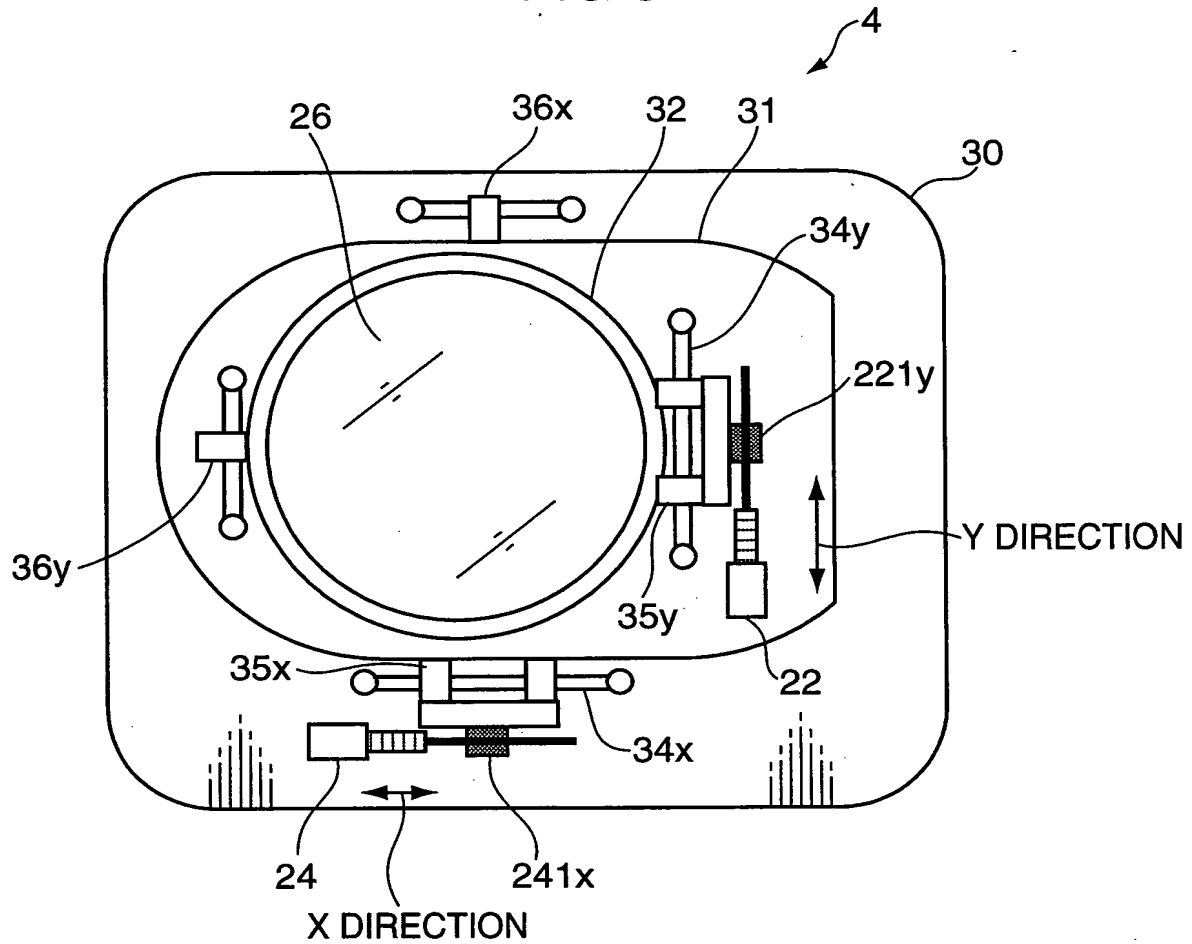


FIG.4

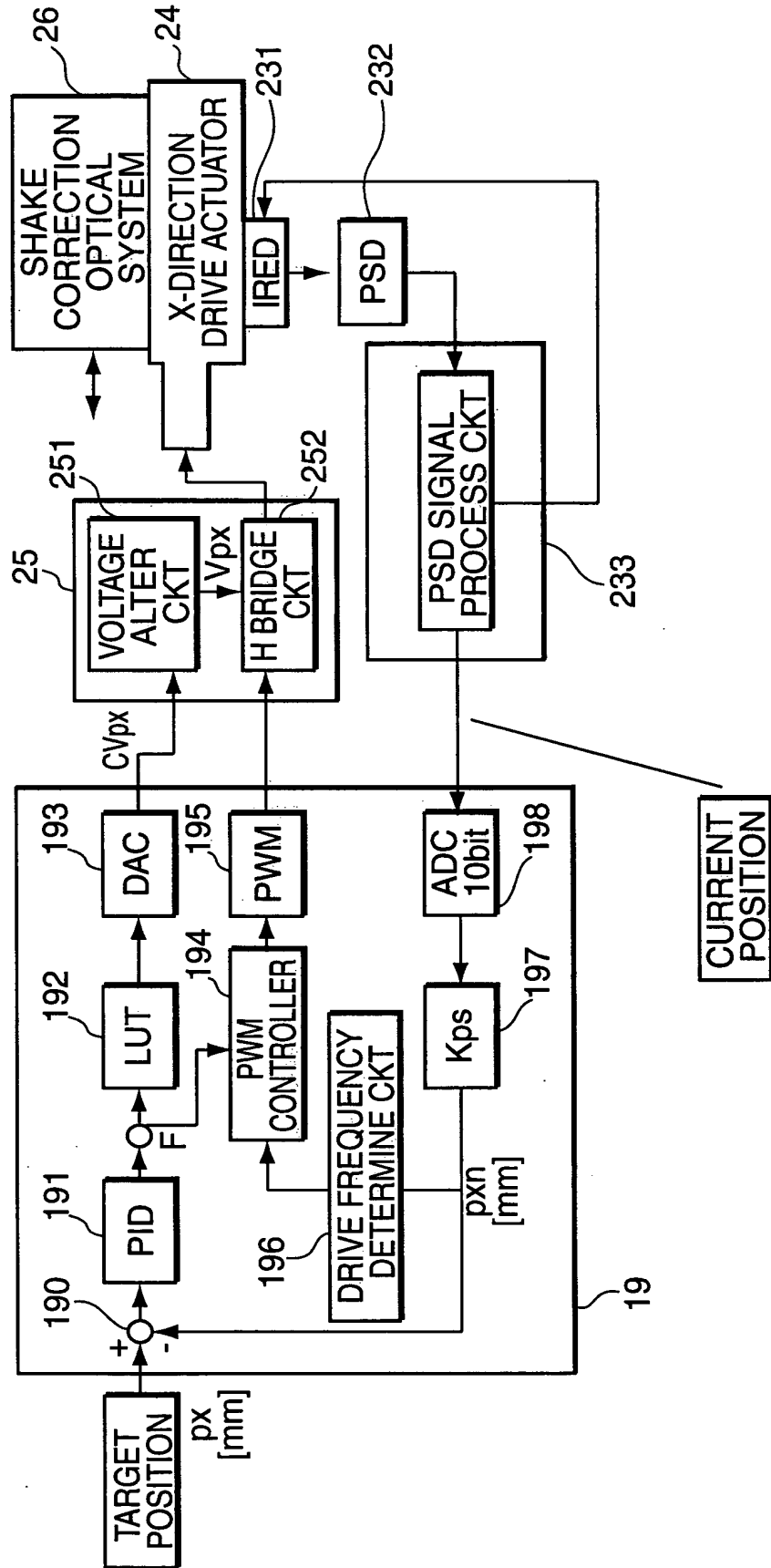
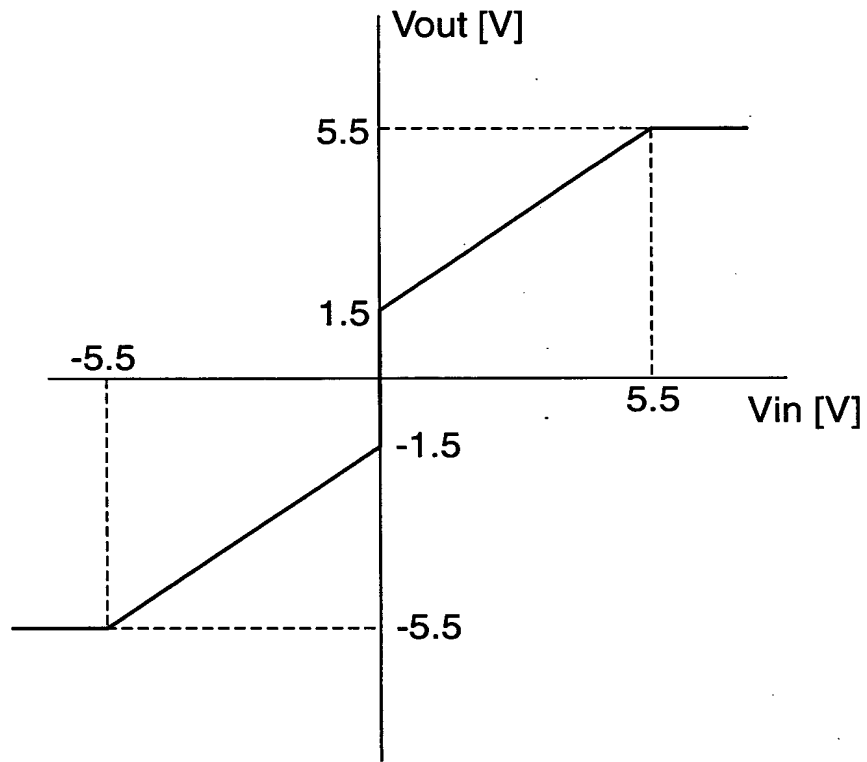


FIG.5



VOLTAGE LOOKUP TABLE

FIG. 6

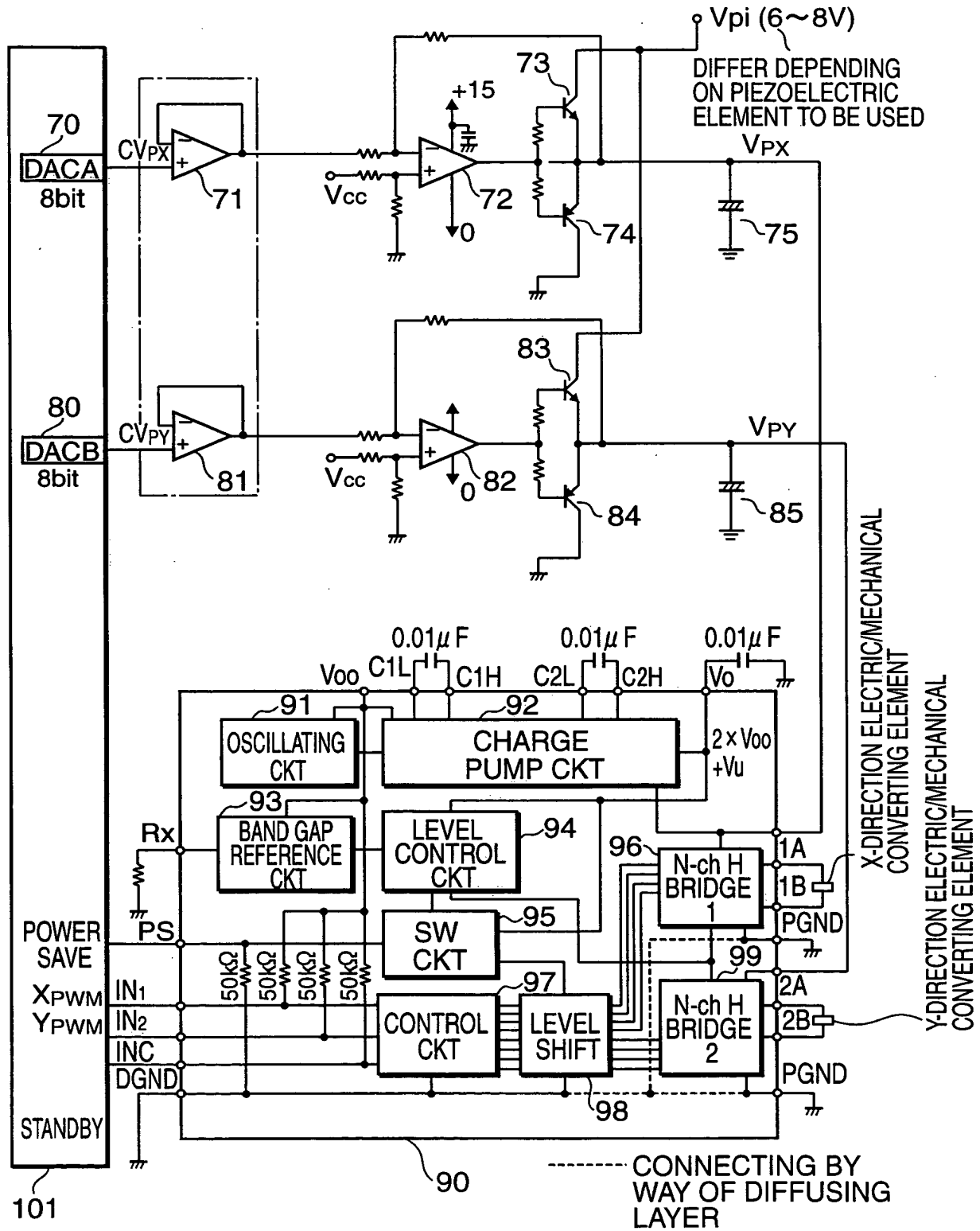


FIG.7A

INC	IN ₁	IN ₂	H ₁	H ₂
H	H	H	F	F
H	L	H	R	F
H	L	L	R	R
H	H	L	F	R
L	×	×	STOP	

F : FORWARD
R : REVERSE
H : HIGH
L : LOW

FIG.7B

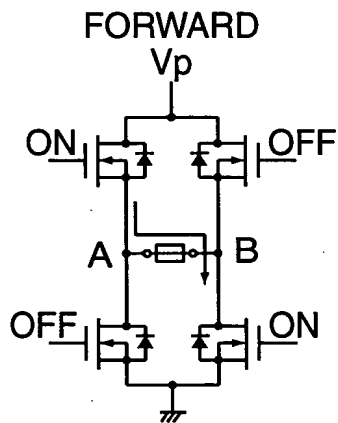


FIG.7C

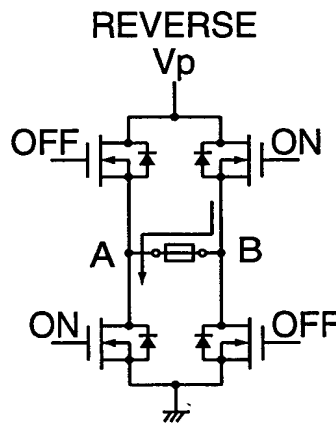


FIG.7D

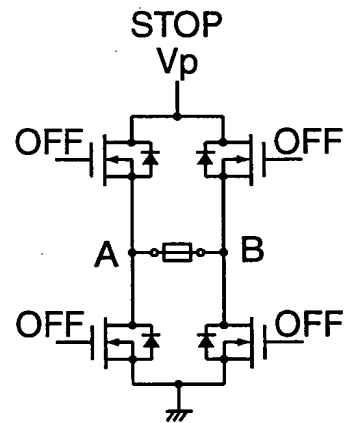


FIG.8A

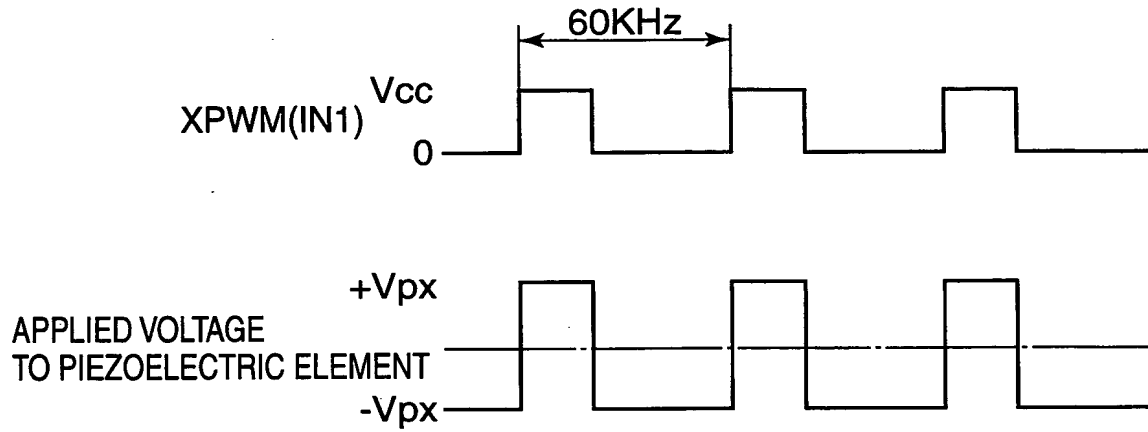


FIG.8B

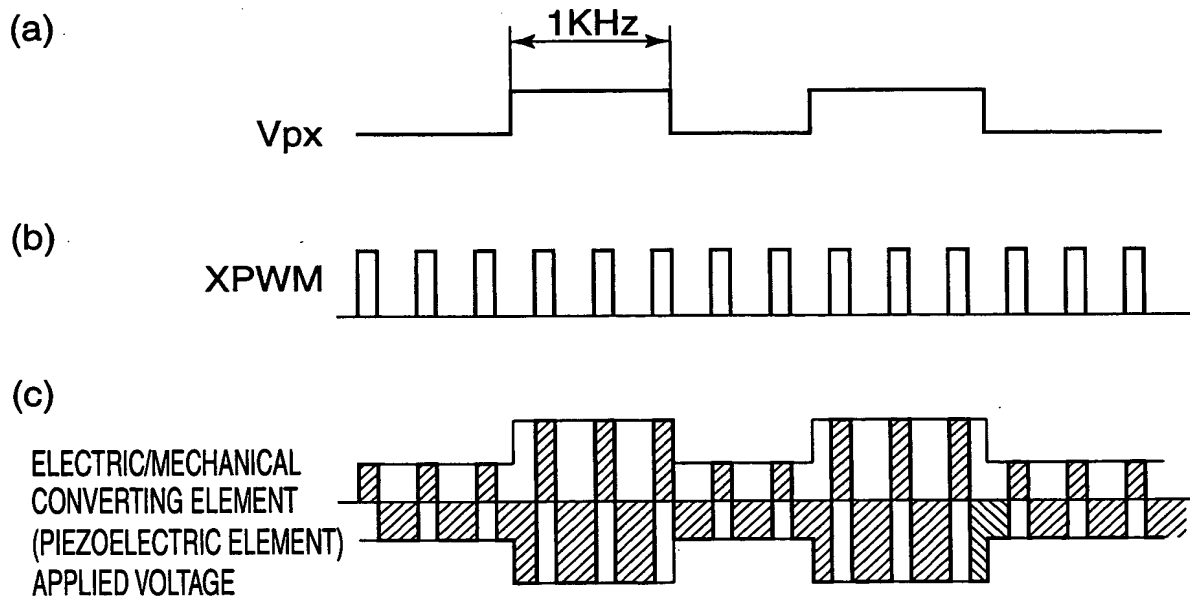


FIG.9A

LOT	No.	TEMPERATURE-DEPENDENT SENSITIVITY VARIATION					
		-5	0	10	25	50	70
1A	1	-0.6	1.2	1.9	0	-2.5	-4.2
	2	-0.3	1.7	2.1	0	-2.4	-4.6
	3	-1.7	0.1	1.3	0	-2.7	-3.9
	4	-1.5	0.1	2	0	-2.8	-5.0
	5	0.2	1.5	2.2	0	-2.1	-4.4
	AVE	-0.78	0.92	1.9	0	-2.5	-4.42
	MAX	0.2	1.7	2.2	0	-2.1	-3.9
	MIN	-1.7	0.1	1.3	0	-2.8	-5.0
	MAX2	0.98	0.78	0.3	0	0.4	0.52
	MIN2	-0.92	-0.82	-0.6	0	-0.3	-0.58

FIG.9B

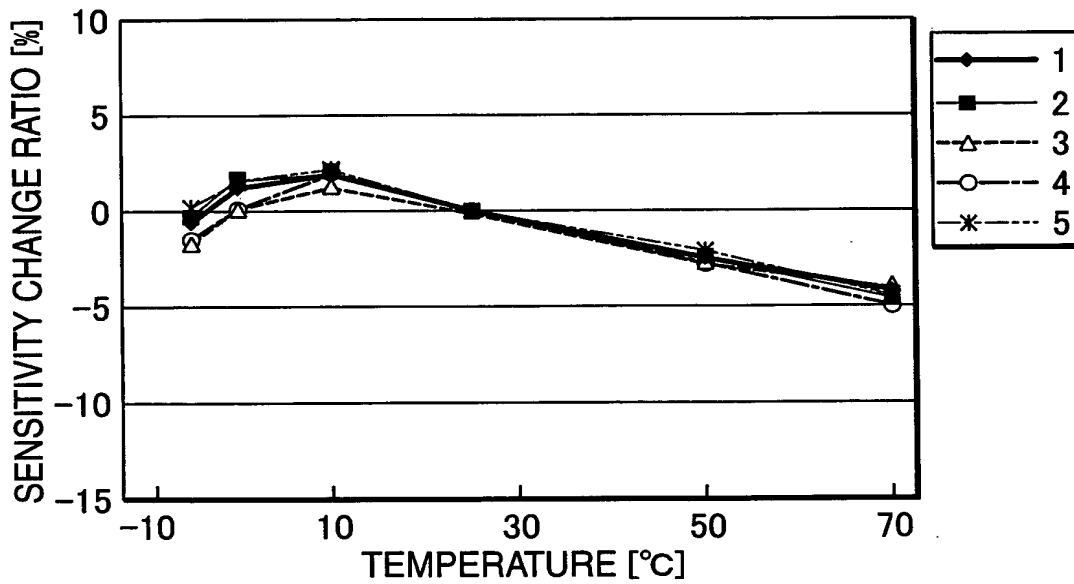


FIG.10A

LOT	No.	TEMPERATURE-DEPENDENT SENSITIVITY VARIATION					
		-5	0	10	25	50	70
1B	1	0.3	1.8	3.2	0	-2.2	-5.2
	2	-0.2	1.4	2.5	0	-2.7	-4.3
	3	2.7	4.2	4.1	0	-4.0	-5.0
	4	3.8	5.4	4.6	0	-4.1	-8.5
	5	1.7	2.6	3.6	0	-3.0	-7.6
AVE		1.66	3.08	3.6	0	-3.18	-6.12
MAX		3.8	5.4	4.6	0	-2.2	-4.2
MIN		-0.2	1.4	2.5	0	-4.1	-8.5
MAX2		2.14	2.32	1.0	0	0.98	1.92
MIN2		-1.86	-1.68	-1.1	0	-0.92	-2.38

FIG.10B

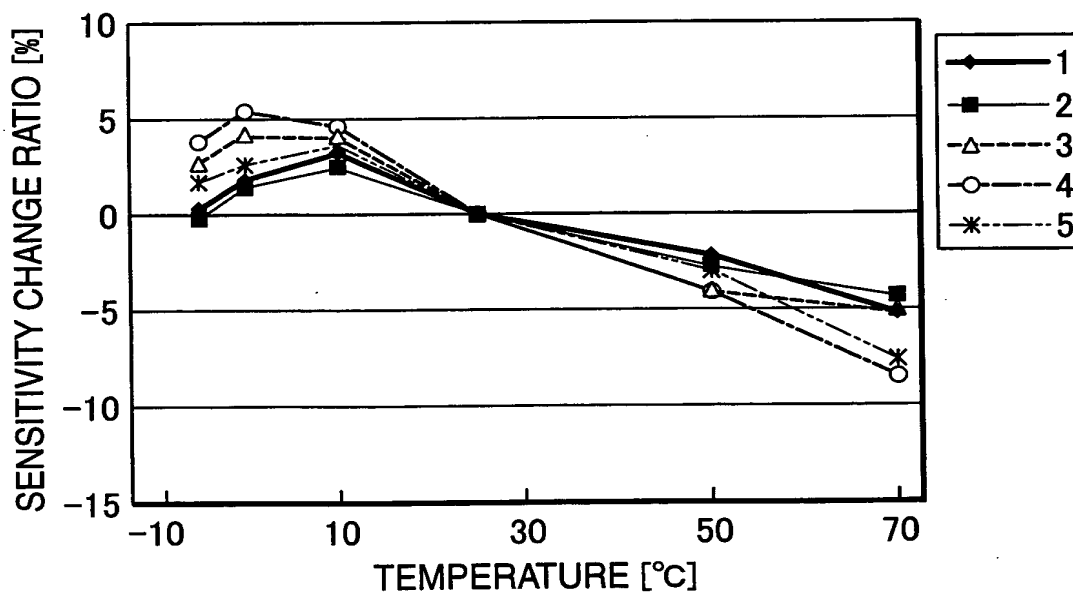


FIG.11A

LOT	No.	TEMPERATURE-DEPENDENT SENSITIVITY VARIATION					
		-5	0	10	25	50	70
2A	1	-4.6	-2.1	1.7	0	-0.4	0.9
	2	-3.8	-1.2	2.3	0	-1.5	-2.4
	3	-4.2	-2.1	2.1	0	-0.4	0.2
	4	-4.4	-1.8	1.8	0	-1.4	-0.3
	5	-5.7	-2.9	0.9	0	-0.3	-1.3
	AVE	-4.54	-2.02	1.72	0	-0.8	-0.58
	MAX	-3.8	-1.2	2.3	0	-0.3	0.9
	MIN	-5.7	-2.9	0.9	0	-1.5	-2.4
	MAX2	0.65	0.82	0.58	0	0.5	1.48
	MIN2	-1.16	-0.88	-0.82	0	-0.7	-1.82

FIG.11B

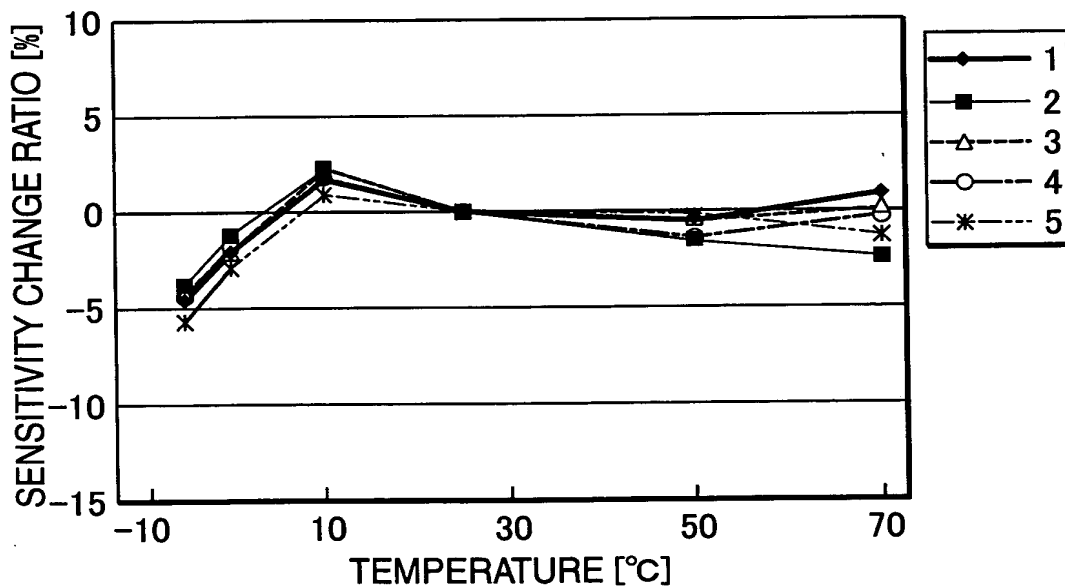


FIG.12A

LOT	No.	TEMPERATURE-DEPENDENT SENSITIVITY VARIATION					
		-5	0	10	25	50	70
2B	1	-2.0	-0.2	2.2	0	-1.0	0.1
	2	-0.8	0.5	2.3	0	-0.7	-1.6
	3	1.0	1.2	2.9	0	-0.3	-0.7
	4	-1.4	0.4	2.3	0	-1.2	-1.2
	5	-1.9	0.4	1.8	0	0	-1.1
	AVE	-1.38	0.38	2.3	0	-0.64	-0.86
	MAX	-0.8	1.2	2.9	0	0	0.1
	MIN	-2.0	-0.2	1.8	0	-1.2	-1.6
	MAX2	0.58	0.82	0.6	0	0.64	0.96
	MIN2	-0.62	-0.58	-0.5	0	-0.56	-0.74

FIG.12B

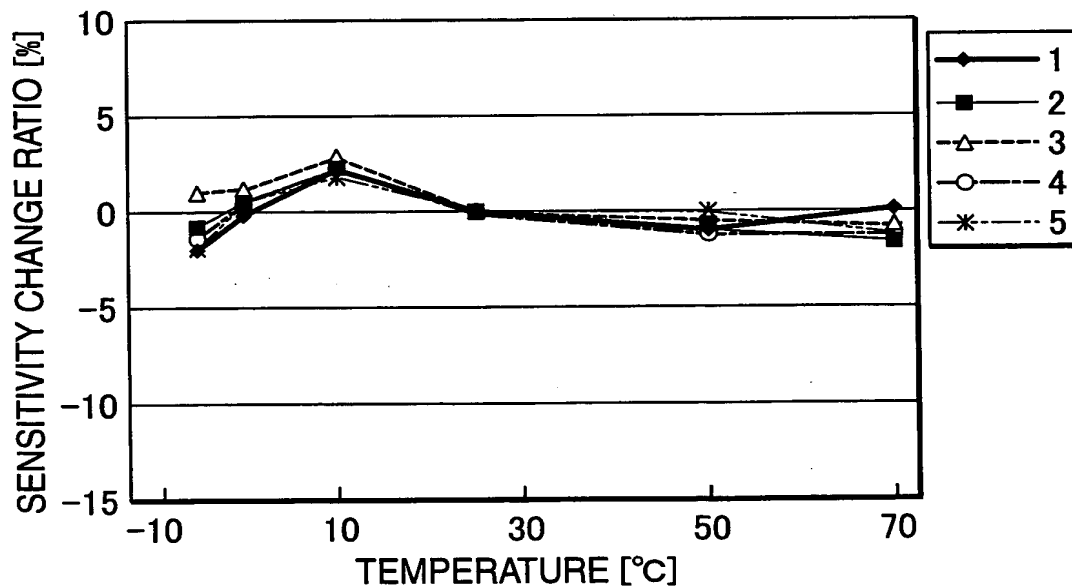


FIG.13

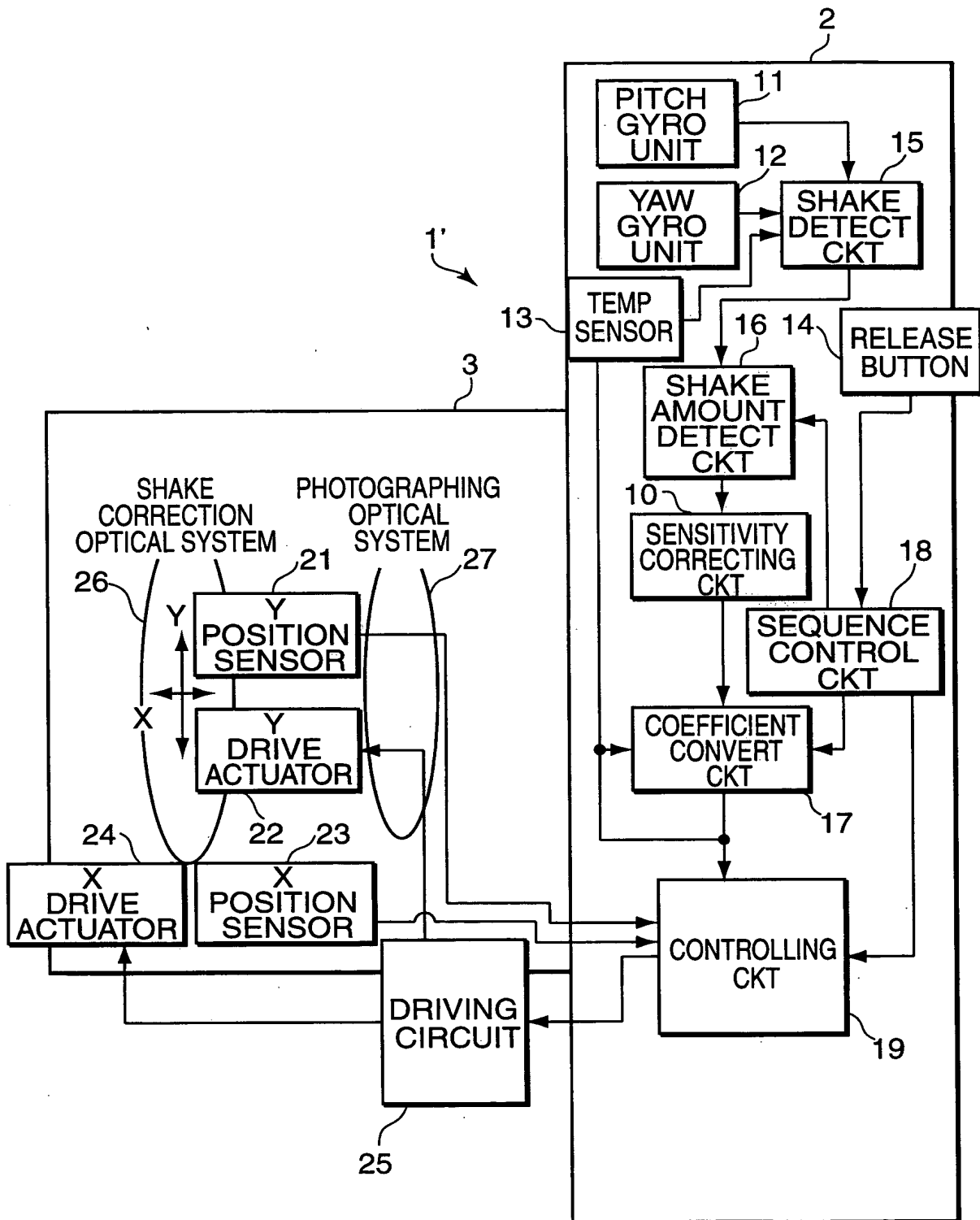


FIG.14

TEMPERATURE CORRECTION	MEASUREMENT ERROR	TYPE01		TYPE02	
		A(ch)	B(ch)	A(ch)	B(ch)
NOT CORRECTED	MAX	2.2	5.4	2.3	2.9
	MIN	-5.0	-8.5	-5.7	-2.0
	DIFFERENCE	7.2	13.9	8	4.9
CORRECTED	MAX	0.98	2.14	1.48	0.96
	MIN	-0.92	-2.38	-1.82	-0.74
	DIFFERENCE	1.9	4.52	3.3	1.7